



# Combat Masters

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## Joint Simulation System

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## JSIMS Recognizes 'Combat Masters'

Dear Alliance Members,

I am very proud to recognize many outstanding individuals across our Alliance team for their efforts to the JSIMS program. These JSIMS *Combat Masters* have demonstrated exceptional dedication and hard work throughout the past six

months. We've conducted many activities since our last Alliance Executive Board (AEB) recognition in October 2001 including two Federation Integration Events, demonstrations and the preparation for the final push to complete JSIMS Version Release 1.0. While many

challenges have been met and we can expect many more to come, we must always remember our greatest JSIMS Alliance asset is our people.

Laura D. Knight  
JSIMS Alliance Executive

*Combat Master* is awarded to an individual nominated by Alliance Executive Office (AEO) staff to members who distinguish themselves in the performance of program activities. Those recognized for their outstanding contributions to the program are assigned to the Executive Agents (EAs) and Development Agents (DAs) of JSIMS Land, Joint, USMC, Maritime, NASM, JOISIM, NATSIM, J-SIGSIM, DISCO, and DMSO.

## Joint Development Agent Recognized Joint Models & C4I

**Combat Master award to Paul Butler** – Mr. Paul Butler was instrumental in the early delivery of Joint Model and Joint C4I software to Federation Integration Event # 4 (FIE-4). As system architect for the Joint Software Development Team (JSDT), he led the use of Joint Models and Joint C4I as "forerunners" for various Alliance experiments during FIE-4. His participation in the Alliance Technical Group (ATG) and Alliance Modeling and Coordination Group

(AMCG) were crucial to the progression and evolution of the JSIMS architecture.

**Combat Master award to Len Duffy** – Mr. Len Duffy assisted with generation and coordination of the Software Support Requirements Matrix (SSRM) and the Software Support Working Group (SSWG). This critical input for partners to plan for fielding, maintenance and exercise support enabled the SSWG to develop the processes and

procedures for actual software deployment and maintenance so the system is available to the user when required.

**Combat Master award to Mike Petersen** – Mr. Mike Petersen as Subject Matter Expert lead for Joint Models and Joint C4I has been the critical link between the user community and the JSDT. He conducted thorough analysis, review, and sequencing of VRM 1.0 and VRM 2.0 system level and detailed/derived requirements.

## CCWS

**Combat Master group award to the Common Component Work Station (CCWS) FIE-4 Team** including:

- Laura Shepherd, CCWS Systems Engineering and Integration Lead
- Kevin Carr, Lead CCWS JIF Integrator
- Lisa Woodman, CCWS JIF Integrator

- Heddy Nazario, Ken Falana, Hai-An Nguyen and Hung Nguyen, CCWS Software Integration and Test
- Wayne Doppelfeld and Bryant Purdin, CCWS Software Development
- Kathy Palmer, CCWS Software Development (NASM BSWs)
- Cynthia Johnson, CCWS Software Development (Maritime BSWs)

For exceptional performance throughout the rigors of JSIMS FIE-4, from 3 December 2001 to 10 April 2002 as part of the CCWS team. Their diligence and attention to detail were instrumental in the success of this critical JSIMS event, which included the implementation and integration of CCWS Performance Enhancement Measures (PEM).

## NASM

### NASM

**Combat Master award to Dr. Mark Riecken** – Dr. Riecken provided excellent leadership to the NASM Integration and Test Team. He consistently supported daily hotwash meetings and other Alliance activities. His dedication and vision were instrumental in keeping the team focus on the tasks to be accomplished for FIE-4. He led the NASM team through problem resolution to success.

**Combat Master award to Brett Trantham** – Mr. Brett Trantham provided outstanding technical and leadership support to the NASM development team and JSIMS integration. His knowledge of all NASM and common component systems was essential to maintain progress in JSIMS integration. He also served as NASM Integration and Test lead over the past few months.

**Combat Master award to Thien Nguyen** – Thien Nguyen made outstanding contributions to the integration and test of NASM and the C4I adapters.

**Combat Master award to Mike Kelley** – Mr. Mike Kelly provided outstanding support to JSIMS scenario development and subject matter expertise. Mr. Kelly is a steady influence on the integration and development as we approach first version release. He is a consistent source of providing technical assistance as needed. He supported various system demonstrations presenting work in progress to several Service and OSD decision makers.

**Combat Master award to Brion Conklin** – Mr. Brion Conklin provided extraordinary technical capability and knowledge of NASM to the Integration team. His many hours of dedicated support make him a valued Alliance partner.

### C4I and CE

**Combat Master award to Gene Rodriguez** – Mr. Gene Rodriguez made outstanding contributions to the integration and test of the C4I systems, TBMCS, and ADSI adapters into the FIE-4 environment.

**Combat Master award to Robert Fields** – Mr. Robert Fields made outstanding contributions to the integration and test of the C4I adapters (TBMCS and TADIL) and adapter interface with NASM.

**Combat Master award to Jerry Cook, Tim Morton and Mike Peach** – Mr. Jerry Cook, Mr. Tim Morton and Mr. Mike Peach provided AF C4I support for the Theater Battle Management Core System (TBMCS) during FIE-4. This team provided essential configuration, setup, database and operator functions to enable testing of JSIMS to TBMCS and TBMCS to JSIMS testing.

**Combat Master group award to Bill Plummer & the NASM JSIMS Civil Environment Model Team.** The NASM/JSIMS Civil Environment Team turned a set of JSIMS System Requirements into a working software system. CE has been demonstrated at a number of training events, including UNION FLASH '01 at the Warrior Preparation Center in Germany, Global Engagement V, and most recently a national Homeland Security Conference held at Hanscom AFB. It is currently being used in the Millennium Challenge spirals to better understand effects based operations through experimentation applications. This award recognizes the CE Team's innovation, persistence and engineering in implementing and fielding the NASM/JSIMS Civil Environment Model in advance of the first formal fielding of JSIMS.

### Tech Control

**Combat Master team award to Beth Thorpe, Bill Schmidt and Lascelles Murray** – Ms Beth Thorpe, Mr. Bill Schmidt and Mr. Les Murray made outstanding contributions to the integration and testing of the Civil Environment component during work with the integration environment of FIE-4.

**Combat Master award to the team of Paul Perkinson and Bill Babineau** – Mr. Paul Perkinson and Mr. Bill Babineau provided support as leads for the Technical Control work in FIE-4 which served as a stable and robust tool through which to control the JSIMS execution environment. The Tech Control Team provided outstanding support throughout the Alliance integration event. The team was responsive to the few problems that did arise and were also proactive in assisting the alliance integration leads in running test federations in an orderly manner. The Tech Control team and Tech Control Common Component provided a significant portion of the technical infrastructure that was necessary for a successful FIE-4.

## JOISIM

**Combat Master award to Steven E. Dix** – Mr. Steven Dix provided exceptional support during FIE4 from 3 December 2001 to 10 April 2002. Mr. Dix's dedication, professionalism, and tireless efforts were instrumental to the successful integration of the JOISIM federate during FIE-4. Mr. Dix's positive attitude contributed to the integration of Basic Encyclopedia services for the first time at a JSIMS Integration event. Steve interacted with many government and contractor organizations while performing his duties during FIE-4.

## AFAMS

**Combat Master award to Don McCarter** – Mr. Don McCarter not only provides an experienced view and insight to systems logistics, but also has supported the Alliance Logistics Group for its own logistical needs. Don has never hesitated to ensure the ALG had the means and ability to conduct productive meetings especially while the AEO transitioned offices. He has taken the extra step to coordinate meetings, to help various partners resolve issues and continue a positive path forward.

## Maritime

**Combat Master award to Gus Liby** – Mr. Gus Liby has consistently taken on and discharged responsibilities in supporting the Alliance Requirements Management Group (AMCG) and JSIMS Maritime development. His depth and breadth of knowledge have consistently enabled him to coordinate and participate at the highest levels to ensure accuracy and clarity in maintenance of the JSIMS Requirements Traceability Matrix. He has provided exceptional support to the development of information and briefings for Engineering Review Boards, the JSIMS Configuration Control Board, and the JSIMS Requirements Control Board.

**Combat Master award to Zeke Wilson** – Mr. Zeke Wilson is a mainstay in the JSIMS Integration efforts driving to the first version release. He is a consistent source of help in Integration Events assisting all DAs to debug initialization and set up tasks and providing his

technical skill graciously and generously whenever it was needed. He supported various distinguished visitor demonstrations ensuring the system was presented in a concise and professional manner.

**Combat Master award to Jacob Langford** – For the last half-year, Mr. Jacob Langford has provided exceptional support to the JSIMS Alliance as he supported the Maritime team with technical expertise in support of federation integration events. He solved difficult problems with skill and ensured that other federates were clearly advised of integration roadblocks identified.

**Combat Master award to Mike Douklias** – Mr. Mike Douklias provided continued superior support to the alliance during integration, as a regular contributor to Alliance Technical Group, and to the Gold Team's efforts.

**Combat Master award to Ralph Nebiker** – For over two years culminating in leadership of several AMCG efforts, Mr. Ralph Nebiker has represented his development team and made important contributions to the JSIMS program. In the last six months he has helped lead AMCG efforts with refined FOM inputs and coordination of the group's outputs.

**Combat Master award to Joe McDonough** – As a key member of the JSIMS Maritime development, Mr. Joe McDonough made significant contributions to the Alliance model control work. He was a regular leader refining Federation Object Model improvements and helped several other partners in improving FOM descriptions. His superior efforts in this crucial area of the Program ensured his recognition as a JSIMS Combat Master.

## Sim Engine

**Combat Master award to Jim Sleeth** – Mr. Jim Sleeth integrated and tested complex software code provided from multiple developers into an integrated software delivery package for each FIE. Under the Simulation Engine effort while facing severe development timelines, and tremendous Alliance schedule pressure, Jim has maintained a calm, yet decisive presence as he works the integration issues for each CCSE build.

**Combat Master award to Alan McCollum** – Mr. Alan McCollum supported the Alliance as co-chair of the Software Support Working Group (SSWG) of the Alliance Logistics Group. Alan, with his experience from the user community at using models and simulations as exercise drivers, continues to be a key member of the Maritime team and a great resource for the Alliance as a whole. In the SSWG Alan helped develop the procedures and processes for the Alliance partners to maintain the fielded system. These procedures and processes provide a greater understanding as to the resources required for a successful deployment and maintainability.

## DISCO

**Combat Master award to Dwight Maynard Schmale** – Mr. Dwight Maynard Schmale, Defense Intelligence Agency (Missile and Space Intelligence Center), has been instrumental at reenergizing DIA as an EA and DA member of the Alliance. Maynard was assigned the job as the Intelligence Executive Agent AEB-level representative filling a position left vacant. Maynard pulled his team together to begin the process of soliciting and awarding a new

contract for the Development Agent as well as hosting several meetings with the Intelligence user and other Intel DA partners. Under the new contract, DIA is back in the JIF and beginning to integrate to meet JSIMS V1.0 capabilities, a possibility considered extremely low as late as February. The intelligence meetings have brought together the diverse users and developers to identify and resolve issues and to develop better communications for future planning.

## USMC

**Combat Master award to Bob Ream** – Mr. Bob Ream served as the Deputy Development Agent for JSIMS U.S. Marine Corps from October 2000 to March 2002. During the period he has held this position, he has brought focus to USMC requirements that are embedded within both WARSIM and Maritime development efforts. During his final months in particular, he worked tirelessly to ensure that the integration of all domains coupled with the Marine Corps' own

development efforts. He ensured the effort will lead to a system that meets warfighter's expectations. He has skillfully managed available resources and assisted the overall JSIMS effort by providing much needed equipment and expertise as JSIMS entered an important testing phase. Bob Ream has consistently demonstrated exceptional teamwork and management acumen. We wish Bob many rewards in his new endeavors.

## NATSIM

### Combat Master award to Leonardo Cromartie –

Mr. Leonardo Cromartie provided exceptional support to the JSIMS program in the areas of Logistics and Training. Leo has consistently provided insight and guidance not only on the NATSIM program, but for the Logistics Team in general. Leo is a recognized expert in his field and has set the standard of performance for developing training documents and instructional material by his always on-time and professional products. In addition, Leo has placed NATSIM in the forefront of JSIMS training material by providing guidance on standardizing material.

## JWFC

### Combat Master award to Scott Callaway –

Mr. Scott Callaway provided valuable assistance to JSIMS by processing and developing information dealing with the JSIMS Requirements Control Board, JSIMS Version 2.0 ORD Annex, and JSIMS Version 1.0 capabilities. Scott recently was called upon to plan and execute the JSIMS Requirements Control Board meeting of over 100 participants and write a Version 2.0 ORD Annex for Block 2, Milestone B approval by the Army Acquisition Executive. Scott accomplished all actions through tireless devotion to completing the tasks.

## J-SIGSIM

**Combat Master award to Marc Ricci** – Mr. Marc Ricci provided exceptional support to the JSIMS Alliance. During an extended TDY by Alliance Executive Office lead, Marc Ricci stepped up to coordinate the JSIMS Schedule in the classified environment. He

crafted the schedule for a 2-week work period in the JSIMS Intelligence Integration Facility. He directed NATSIM, SCC, and WIM resources and set up what they would be doing to support the alliance.

**Combat Master award to Joyce Gummel** – Ms. Joyce Gummel is recognized for her continued exceptional efforts on the JSIMS System Threat Assessment Review rewrite. She was also

lauded by the Intel EA, Mr. Thompson, for the presentation she gave to the Intel Program Review Group upon their visit to the AEO.

## Land DA

**Combat Master special award to the Land Development Agent Federation Integration Event # 4 (FIE-4) Team** including:

- Mr. Rich Fazio (Integration and Test Lead)
- Mr. JB Alden and Mr. Mike Tackaberry (Scenario Generation)
- Mr. Chris Stadler (S/W Development Support),
- Mr. Jeff Warner (Systems Engineering)

- Mr. Ryan Mayer, Mrs. Peggy Puhmann, Mrs. Cathy Thomas, and Mrs. Donna Williams (Integration)

The LAND DA team's positive attitude and willingness to do whatever it takes to get the job done were essential to the successful completion of FIE-4. As the first FIE-4 participants, the LAND DA team successfully integrated the LAND scenario and code with the primary scenario and battlespace work

station functions. The team was also the initial users and reviewers of the AEO FIE-4 Objective Status tool and BIT-tracking tool. The team also provided numerous recommendations for JIF related LAB/HW/SW improvements that were implemented by the AEO LAB team for the benefit of all DAs. The LAND DA implemented multiple scenarios to improve integration productivity.

## Land C4I

### Combat Master award to Tom Kelso –

Mr. Tom Kelso provided special support to JSIMS through delivery of C4I systems to facilitate integration and verification. As the STRICOM Digitization manager, he works Simulation to C4I Interoperability locally and as a part of the Army's

Simulation to C4I Interoperability Initiative. Tom provided (without official requirements and with very little time) the Army Battle Command System (ABCS) for WARSIM to use during FIE-4 and FIE-5.

### Combat Master award to Ron Giddens, James Crenshaw, Loren Roe, and David Richardson –

Mr. Ron Giddens, Mr. James Crenshaw, Mr. Loren Roe, and Mr. David Richardson were members of Army C4I support for the Army Battle Command System (ABCS) during FIE-4. The team provided essential configuration, setup, database and operator functions to enable testing of JSIMS to ABCS.

## Land DA - WIM

**Combat Master award to Steve Archer** – Mr. Steve Archer's dedication, professionalism and tireless efforts assured that the WARSIM Intelligence Module was successfully integrated at the FIE-4. His positive attitude

and leadership were essential in coordinating the successful integration of the WIM Models, WIM C4I adapter, and the WIM visualization station. The WIM C4I adapter and the WIM visualization station were

integrated for the first time at FIE-4. His impact on the program was significant, helping JSIMS to better meet its integration objectives.

## STRICOM

### Combat Master award to Harry Bryan –

Mr. Harry Bryan is a key contributing member of the Alliance Logistics Group chartered with developing the plan for deployment and support for the fielded system. Not only does Harry represent the WARSIM program and Army users at large, but also he filled the role as chair of the ALG for a quarter in the Fall of 2001 as the ALG chair deployed to

support real-world contingencies. This enabled the ALG to continue working through issues, processes and procedures to meet the needs of the user community.

### Combat Master award to Cindy Wilson –

Ms. Cindy Wilson is the editor of the JSIMS System Threat Assessment Report (STAR). The STAR is a cornerstone document in acquisition describing potential threats to JSIMS and

establishing the basis for which both physical and information security measures are developed. Cindy tackled a thankless job by researching, generating, gathering critical comments and hosting several key review sessions to ensure the STAR is on the path for validation by the Defense Intelligence Agency. The JSIMS STAR will be used not only by the Alliance and its partners, but become an example for other software.